

MC&G file

Attachment
COMIREX-D-15.2/9



DEFENSE INTELLIGENCE AGENCY
WASHINGTON, D. C. 20301

June 1964

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MEMORANDUM FOR [REDACTED] CHAIRMAN COMIREX

SUBJECT: Evaluation of MC&G Requirements for Remaining DISICS

1. The MC&G community has evaluated the question of how urgent is the requirement for all of remaining KH-4 systems to include the DISIC sub-system. The review assumed that [REDACTED] would be operated over the next 3 years.

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2. The evaluation recognized that operation without the DISIC severely limits the geometric use of KH-4 data and embodies a risk of not having the required KH-4 data for cartographic and geodetic work [REDACTED]

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[REDACTED] Specific losses would include reduced 3-inch SI data for small-scale mapping and charting, reduced opportunities for applying the short-arc technique for improved point positioning, reduced capability for filling holes in geodetic-type coverage and reduced strength in triangulation in medium-scale map/chart production.

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3. In studying this problem, the total MC&G needs, including point positioning, were considered together with NRO expressions that dollars for improving current systems for MC&G needs would be limited in the next few years. It was held that if [REDACTED] could be saved from current NRO costs for DISICs, opportunity for other improvements would be enhanced.

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4. In view of all factors, it was concluded that the benefit from actions NRO might take to improve the accuracy of the KH-4 ephemeris would more than offset the loss of [REDACTED] of the [REDACTED] DISICs. This conclusion was reached on the premise that the scheduling of KH-4 missions without DISICs would be such that (a) DISICs would be operated on those missions with added capability for improved ephemeris, and (b) intelligence requirements be stressed for missions without DISICs and MC&G requirements be stressed for missions including DISICs.

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5. Accordingly, it is recommended that if significant [REDACTED] could be saved in remaining KH-4 system DISIC procurement, and these resources applied toward improved ephemeris on the premises set forth in paragraph 4 above, the NRO should consider reducing the requirement for five DISICs in remaining contract negotiations.

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6. It is requested that the conclusions and recommendations set forth in above paragraphs be furnished the NRO for requirement guidance pertaining to the balance of the KH-4 program.

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Chairman, COMIREX MC&G Working Group

NRO and DIA review(s)